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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-803)

In the Application of:

Michael P. Dean et al.

Serial No.: 10/551,628

Filed: September 30, 2005

Title: Signal Processing Apparatus and Method

Art Unit: Unknown

Examiner: Not Assigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

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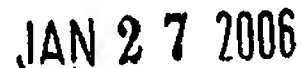
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By:

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Sheet **1** of **2**

Application Number	10/551,628
Filing Date	September 30, 2005
First Named Inventor	Dean
Art Unit	Unknown
Examiner Name	Not Assigned
Attorney Docket Number	05-803

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)				
		WO 02/093784	11-1-02	Qualcomm Incorp.		
		WO 03/049397	6-12-03	Qualcomm Incorp.		
		GB 2 375 464	11-13-02	Motorola, Inc.		
		EP 0 951 091	10-20-99	Lucent Technologies		

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/551,628
Filing Date	September 30, 2005
First Named Inventor	Dean
Art Unit	Unknown
Examiner Name	Not Assigned
Attorney Docket Number	05-803

Sheet

2

of

2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Abe et al. "Space-Time Turbo Equalization and Symbol Detection in Frequency Selective MIMO Channels", IEEE, pp. 1230-1234 (2001)	
		Biglieri, et al. "Recent Results on Coding for Multiple-Antenna Transmission Systems", IEEE, pp. 117-121 (2000)	
		Tao et al. "Low Complexity Post-Ordered Iterative Decoding for Generalized Layer Space-Time Coding Systems", IEEE, pp. 1137-1141 (2001)	
		Djouadi et al. "A Parallel or Algorithm for the Symmetrical Tridiagonal Eigenvalue Problem", IEEE, pp. 591-595 (1992)	
		Gupta et al. "Reconfigurable Computer for Space-Time Adaptive Processing", IEEE, pp. 335-336 (1998)	

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